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Part Number: 0022172037
Status: Active
Overview: KK® Interconnect System - Molex
Description: KK 254 PC Board Connector, Bottom Entry, 0.80µm Gold (Au), 3 Circuits

Documents:
[3D Model](#) [Product Specification PS-10-07-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

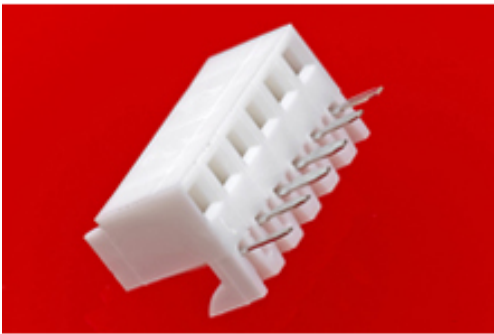
Product Family PCB Receptacles
Series 4455
Application Board-to-Board, Signal
Overview KK® Interconnect System - Molex
Product Name KK 254
UPC 800753737228

Physical

Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin Natural (White)
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Capable No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part No
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 0.378/g
Number of Rows 1
Orientation Bottom Entry
PC Tail Length 3.35mm
PCB Locator Yes
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 2.54mm
Pitch - Termination Interface 2.54mm
Plating min - Mating 0.762µm
Plating min - Termination 2.540µm
Polarized to Mating Part No
Polarized to PCB Yes
Stackable Yes
Surface Mount Compatible (SMC) No
Temperature Range - Operating See Product Specification
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3.5A, 3.75A, 3.0A, 4.0A
Grounding to PCB No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

4455 Series

Mates With

KK Header [4094](#) , [42376](#) , [42375](#) , [42377](#) ,
[4030](#) , [171856](#) , [171857](#)

Voltage - Maximum	500V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	A-4455-BH03J(228)
Reference - Drawing Numbers	
Product Specification	PS-10-07-001
Sales Drawing	SDA-4455-001, SDA-4455-002

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